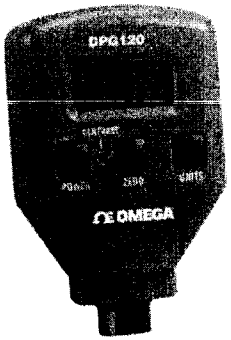
DPG110
Product Specifications

Pressure Range	-14 to +100 PSI
Measurement Units	PSI, BAR, Kg/cm2, ATM
Accuracy	< ± 0.5% BFSL(includes Non-linearity, Hysteresis and Non-repeatability)
Stability (1 year)	±0.25%FS (typ)
Overange Protection	2X Rated Pressure
Burst Pressure	5X or 20,000 psi which ever is less.
Pressure Cycles	>100 Million
Operating Temperature Range	32°F to 130°F (0°C to 55°C)
Storage Temperature Range -40°C to65°C)	-40°F to150°F
Compensated Temperature Range	32°F to 130°F (0°C to 55°C)
Temperature Compensation Zero	<±1.5% of FS
Temperature Compensation Span	<±1.5% of FS
Pressure Sensor Connection	1/8th NPT Female
Update Rate	3 Samples per second(typ)
Power	9-Volt Alkaline Battery
Automatic Power Off	1 Hour
Battery Life	100 Hours Continuous operation (typ)
Instrument Case	High Impact ABS

M-4349/0706



User's Guide

DPG110/120

Digital Pressure Gauge Manual

DPG Instructions

The DPG is a media compatible digital pressure gauge featuring multiple units, selectable zero reference and automatic power off to conserve battery power. The DPG is compatible with any liquid or gas that is compatible with 17-4 PH stainless steel. The pressure sensor is a one-piece high strength stainless steel design and contains no silicone oil, no welds and no internal O-rings.
All functions of the DPG are controlled from the three pushbuttons on the front of the gauge.

Power
Press and release the power button to turn the DPG On and Off.
If the display is blank or unreadable make sure the gauge has a fresh battery and adjust the contrast control as needed.
If no button is pushed for approximately one hour the DPG will automatically turn off to conserve battery power.

Measurement Units
The measurement units of the DPG can be selected by pressing and releasing the Units button.
The available measurement units are PSI, Bar, Kg/cm2, and ATM.
Each press of the Units button will cycle to the next unit of measurement.
The selected units of measurement will not change when the DPG is turned off or when the battery is changed.

Relative Operation
The Zero button allows the user to set the DPG to 0 for relative measurements. This can be done at any pressure reading and in any measurement units. The LCD display will indicate "R" in the upper left hand corner of the display to show that the gauge is operating in the relative mode. Depressing the Zero button while in the Relative mode will return the DPG to zero referenced gauge operation.

Set Zero
Over the course of time and under normal use it may become necessary to set the zero of the gauge. To set the zero of the gauge turn the gauge off by pressing the power button. Then press and hold the Power button and the Zero button for 5 seconds. The LCD display will show "Set Zero" and after a short period return to gauge operation.
Note that this MUST be done at zero pressure. Any attempt to reset zero at a positive or negative pressure will display "Out of Range" and the zero set function will be canceled.

Battery Replacement
Locate the battery compartment door on the back of the instrument.
Slide the door to the right to access the battery compartment.
Carefully remove the old battery from the battery clip and replace it with a fresh 9 Volt Alkaline battery. Place the battery in the battery compartment and close the battery compartment door by sliding it to the left until it clicks into place.

DPG120
Product Specifications

Pressure Range	-14 to +1000 PSI
Measurement Units	PSI, BAR, Kg/cm2, ATM
Accuracy	< ± 0.5% BFSL(includes Non-linearity, Hysteresis and Non-repeatability)
Stability (1 year)	±0.25%FS (typ)
Overange Protection	2X Rated Pressure
Burst Pressure	5X or 20,000 psi which ever is less.
Pressure Cycles	>100 Million
Operating Temperature Range	32°F to 130°F (0°C to 55°C)
Storage Temperature Range	-40°F to 150°F (-40°C to 65°C)
Compensated Temperature Range	32°F to 130°F (0°C to 55°C)
Temperature Compensation Zero	<±1.5% of FS
Temperature Compensation Span	<±1.5% of FS
Pressure Sensor Connection	1/8th NPT Female
Update Rate	3 Samples per second(typ
Power	9-Volt Alkaline Battery
Automatic Power Off	1 Hour
Battery Life	100 Hours Continuous operation (typ)
Instrument Case	High Impact ABS